

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 015030-0

10/777,530

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Us several sheets if necessary)

APPLICANT

Kazuhiro OKADA, et al.

FILING DATE

GROUP

February 12, 2004

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
TJD	AA	4,905,523	3/1990	Okada	73	862.04	
	AB	4,967,605	11/1990	Okada	73	862.04	
	AC	4,969,366	11/1990	Okada	73	862.08	
	AD	5,014,415	5/1991	Okada	29	621.1	
	AE	5,035,148	7/1991	Okada	73	862.04	
	AF	5,092,645	3/1992	Okada	294	86.4	
	AG	5,182,515	1/1993	Okada	324	259	
	AH	5,263,375	11/1993	Okada	73	862.042	
	AI	5,295,386	3/1994	Okada	73	1 D	
	AJ	5,343,765	9/1994	Okada	73	862.043	
	AK	5,365,799	11/1994	Okada	73	862.041	
	AL	5,392,658	2/1995	Okada	73	862.043	
	AM	5,406,848	4/1995	Okada	73	517 R	
	AN	5,421,213	6/1995	Okada	73	862.043	
	AO	5,437,196	8/1995	Okada	73	862.043	
	AP	5,492,020	2/1996	Okada	73	862.626	
	AQ	5,497,668	3/1996	Okada	73	862.626	
	AR	5,531,002	7/1996	Okada	29	25.41	
	AS	5,531,092	7/1996	Okada	73	1 D	
	AT	5,571,972	11/1996	Okada	73	862.043	
	AU	5,639,973	6/1997	Okada	73	862.043	
	AV	5,646,346	7/1997	Okada	73	504.04	
	AW	5,668,318	9/1997	Okada	73	504.11	
	AX	5,682,000	10/1997	Okada	73	862.043	
	AY	5,744,718	4/1998	Okada	73	514.33	
TJD	AZ	5,780,749	7/1998	Okada	73	862.043	

EXAMINER

DWA J. R.

DATE CONSIDERED

6/24/04

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
TJD	AA	5,811,693	9/1998	Okada	73	862.043	
	AB	5,831,163	11/1998	Okada	73	504.12	
	AC	5,850,040	12/1998	Okada	73	504.04	
	AD	5,856,620	1/1999	Okada	73	514.32	
	AE	5,962,787	10/1999	Okada et al.	73	514.32	
	AF	5,987,985	11/1999	Okada	73	504.04	
	AG	6,003,371	12/1999	Okada	73	504.02	
	AH	6,053,057	4/2000	Okada	73	862.043	
	AI	6,076,401	6/2000	Okada	73	504.12	
	AJ	6,098,461	8/2000	Okada	73	514.34	
	AK	6,158,291	12/2000	Okada	73	862.043	
	AL	6,159,761	12/2000	Okada	438	53	
	AM	6,185,814	2/2001	Okada	29	621.1	
	AN	6,205,856	3/2001	Okada	73	504.11	
	AO	6,269,697	8/2001	Okada	73	504.02	
	AP	6,282,956	9/2001	Okada	73	504.12	
	AQ	6,314,823	11/2001	Okada	73	862.043	
	AR	6,367,326	4/2002	Okada	73	504.12	
	AS	6,378,381	4/2002	Okada et al.	73	862.043	
	AT	6,474,133	11/2002	Okada	73	1.38	
	AU	6,477,903	11/2002	Okada	73	862.043	
	AV	6,512,364	1/2003	Okada	324	158.1	
	AW	6,530,283	3/2003	Okada et al.	73	780	
	AX	6,313,826	11/2001	Schrum et al.	345	161	
	AY	2001/0011994	8/2001	Morimoto et al.	345	156	
TJD	AZ	5,948,990	9/1999	Hashida	73	725	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
TJD	AA	5,440,237	8/1995	Brown et al.	
TJD	AB	4,793,193	12/1998	Borgudd	
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
TJD	AL	2001-311671	11/2001	JP		X
	AM					
	AN					
	AO					
	AP					

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

EXAMINER

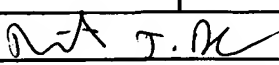
*De A. J. H.*

DATE CONSIDERED

6/24/04

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FORM PTO-1449 U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO.		SERIAL NO.	
		U 015030-0		10/777,530	
		APPLICANT			
		KAZUHIRO OKADA, ET AL			
		FILING DATE		GROUP	
		FEB. 12, 2004			
U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
TJD	AA	5,912,612	06-15-1999	DEVOLPI	
TJD	AB	5,949,354	09-7-1999	CHANG	
TJD	AC	6,087,925	07-11-2000	DEVOLPI	
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
TJD	AL	99/17180	04-08-1999	WO	X
* TJD	AM	2001311671	09-11-01	JAPAN	
	AN				
	AO				
	AP				
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)					
TJD	AR	PATENT ABSTRACT OF JAPAN 2001311617 DATED NOVEMBER 9, 2001			
	AS				
	AT				
EXAMINER			DATE CONSIDERED		
			6/24/04		
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\* Only an Abstract of 2001311617 is included.